

6703, Kidds (I-Opawa SD)

Project	2018 CSI GPS
Created	2018-01-09 15:51:25 NZDT by Neville Palmer
Updated	2018-05-24 14:37:46 NZST by GeodeticTwo Tectonophysics
Location	-44.27902005, 170.7964156
Status	■ Retrieved
Geodetic Code	6703
Station Name	Kidds (I-Opawa SD)
Station Height (m)	584.4662
Station Height (ft)	1918

Mark, Site & Photo Details

Mark & Protection Details

Mark Physical State	Reliable / Found
Mark Description	This mark is used for deformation monitoring, do not alter the ground mark in any way. In large circular mound. 2" dia. pipe with stainless steel pin in centre. Surrounded by stone circle (overgrown)

Plates & Plaques

ID Plaque (bronze)	ID Plaque does Not Exist and was Not Installed
ID Plate (aluminium)	ID Plate does Not Exist and was Not Installed
Information Plate (aluminium)	Info Plate does Not Exist and was Not Installed

Protection

Primary Protection	No Protection
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Beacon Details

Beacon Type	Not Beacons
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Height Details (all in metres)

Mark Ground Level Relationship in metres (+ve below GL / -ve above GL)	-0.05
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Maintenance Completed and Required

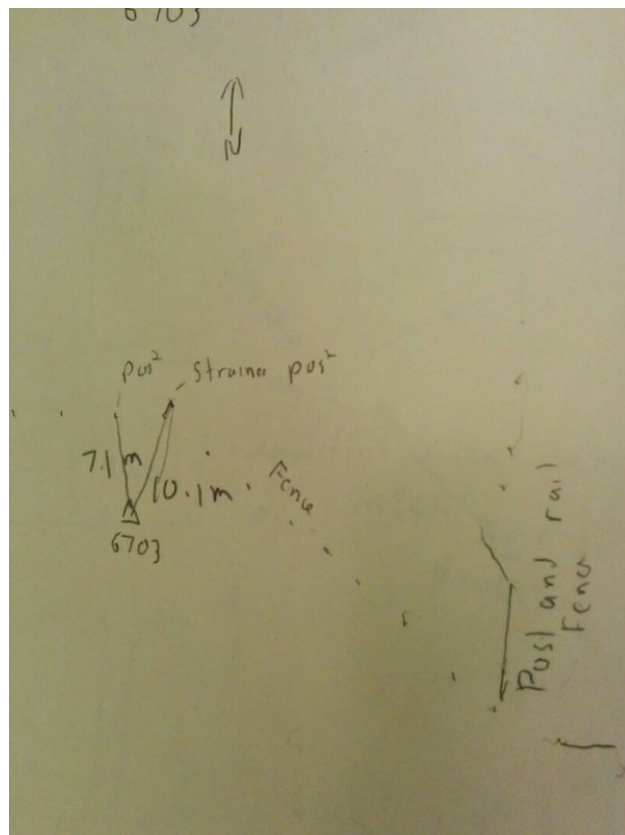
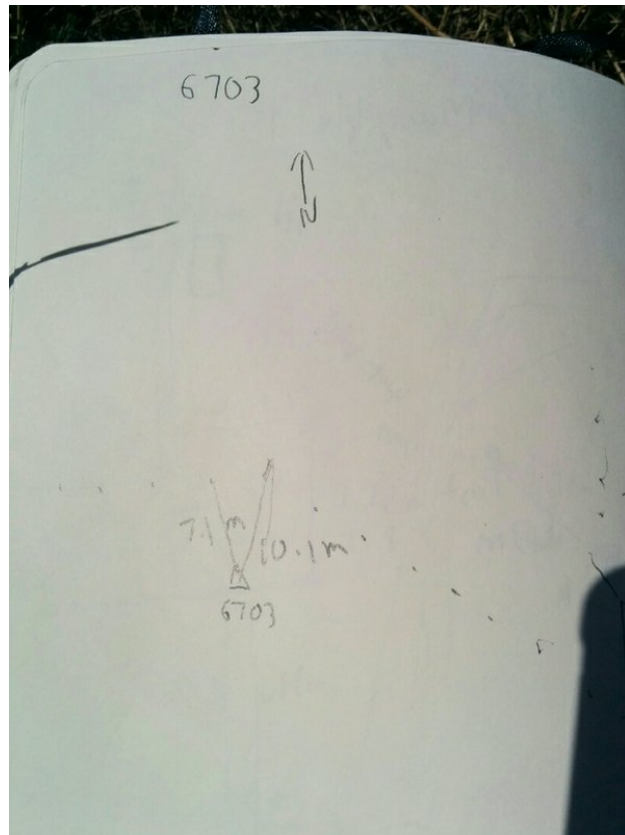
Mark Maintenance Completed	No
Beacon Maintenance Completed	No
Protection Maintenance Completed	No
Mark Maintenance Required	No
Beacon Maintenance Required	No
Protection Maintenance Required	No

Verification

Have all mark and protection fields above been updated or verified to be correct?	Yes
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Site & Access Details

Diagram



Access and Location Description	At Albury turn west into Mt Nissing Rd. Drive 9.0Km then turn left onto Kidds Rd (unsignposted dirt road). Drive for 1.5 km to 1st gate then a further 400m to a second gate. Follow grass track to trig at top of hill approx. 40m north of 2nd concrete water tank.cross into adjoining.ing paddock by going through gates just passed tanks
Access vehicle	4WD
GNSS Suitability	Good

Cell Phone Network Coverage

Spark	Strong signal
2 Degrees	Network signal not tested

Verification

Have all site & access fields above been updated or verified to be correct?	Yes
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Photographs

Photo of Survey Mark



Photo of Immediate Site



Photo of Extended Site



Verification

Is there at least one photo taken for each field above?

Yes

Have any mark, site or photo details been updated or verified?

Yes - All details have been fully updated or verified.

Updated by:

Chris Pearson

Owner & Contact Details

Owner & Contact

Contact Details from the LINZ GDB

Owner/Contact	No Ownership Details Recorded
Address	No Ownership Details Recorded

Contact Comments

Access permission restrictions (to report in LINZ GDB)	No Reported Access Restrictions
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Owner

Is the owner known?	Yes
First Name	F J
Last Name	Ross
Address	194 Mt Nessing Road, RD 14, Albury,

Site Contact

Is the site contact person known?	Yes
Organisation or property name.	Mossvale Farm
First Name	Andrew
Address	194 Mt Nessing Road, RD 14, Albury,
Mobile Phone	027 208 7831

Access Contact

Is the access contact person known?	Same as site contact
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Verification

Have all owner & contact fields above been updated or verified to be correct?	Yes
Have any owner or contact details been updated or verified?	Yes - All details have been fully updated or verified.
Updated by:	Chris Pearson

Occupations

6703, 2018-01-31, 16:15, GNS50, 3022413, PolaRx5, Septentrio

Geodetic Code	6703
Station Name	Kidds (I-Opawa SD)

Deployment

Observer(s)	Chris Pearson, Isaac Brennan
GNSS Receiver	GNS50, 3022413, PolaRx5, Septentrio
GNSS Antenna	GNST02, 1412118363, Zephyr Geodetic 2, Trimble
Antenna radome used?	NONE

Plumbing

Antenna Mount or Monument	Tripod
Set-up using a rotating optical plummet?	Yes

Bubble Centred?	Yes
Cross-hair on target?	Yes
Plummet Check OK?	Yes

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	4
1st Height	0.941
2nd Notch Number	7
2nd Height	0.94
3rd Notch Number	2
3rd Height	0.94
Check Height Units	Decimal Inches
Check Height	36.95
Check Height Converted to Metres	0.9385

Start Time

Occupation Start Date (local)	2018-01-31
Occupation Start Time (local)	16:15
Occupation Start UTC	Wed, 31 Jan 2018 03:15:00 GMT
Year and DoY (UTC)	2018-031

Battery Details

Number of batteries deployed	One
ID of Battery 1	9/c
Capacity of Battery 1 (Ahr)	24 Amp Hour
Voltage of Battery 1	12.98

This site is being deployed with multiple batteries. Please comment with all relevant details of the batteries deployed.

Retrieval

Observer(s)	Chris Pearson, Isaac Brennan
Was receiver logging on arrival?	Yes

Battery Details

No batteries were recorded at deployment.

More than two batteries were recorded as deployed at this occupation. Comment below as necessary.

ID of Battery 1	9/c
Voltage of Battery 1 at Deployment	12.98
Voltage of Battery 1 at Retrieval	11.67

End Time

Occupation End Date (local)	2018-02-04
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Occupation End Time (local)	10:58
Occupation End UTC	Sat, 03 Feb 2018 21:58:00 GMT
Year and DoY (UTC)	2018-034

Antenna Alignment

Magnetic Declination (+ve east / -ve west)	22
Compass should read (magnetic bearing)	338
Aligned to True North	Yes

Antenna Height

Height Measured To	Bottom of Notch (Slant)
1st Notch Number	7
1st Height	0.94
2nd Notch Number	2
2nd Height	0.939
3rd Notch Number	4
3rd Height	0.941
Check Height Units	Decimal Inches
Check Height	37.05
Check Height Converted to Metres	0.9411
Average Height recorded at Deployment	0.9403

Plumbing

Bubble Centred?	No
Explain why bubble is not centred.	Probably due to storm
Cross-hair on target?	No
Magnetic bearing from mark to cross-hair.	0.34
Distance in mm from mark to cross-hair	0.002
Explain why cross-hair is not on target.	Storm effect
Plummet Check OK?	Yes

Gns3, 19270310.18_.gz, 19270340.18_.gz

Current Station	6703 - Kidds (I-Opawa SD)
Station Occupation times (UTC)	Start: 03:15 DoY 2018-031 UTC End: 21:58 DoY 2018-034 UTC
ID of Download Device	Gns3
Downloaded by:	Chris Pearson
Download Date	2018-02-04
Record the first and last file name of the block of files downloaded.	
Earliest File Name Downloaded	19270310.18_.gz
Latest File Name Downloaded	19270340.18_.gz
Total number of files downloaded.	4
Optional Comment	Offset will probably have occurred on day of storm

Summary of Downloaded Files

Earliest Filenames Downloaded	19270310.18_.gz
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Latest Filenames Downloaded	19270340.18_.gz
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Numbers of files Downloaded	4
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For each block of downloaded files there will be an earliest and latest file downloaded, plus the total number of files downloaded. Typically there will only be one download block per occupation. Occasionally a receiver will be downloaded several times during an occupation (eg during an extended semi-cGPS occupation). In this instance there will be multiple earliest, latest, and number of files downloaded. These are summarised in the comma delimited lists above.